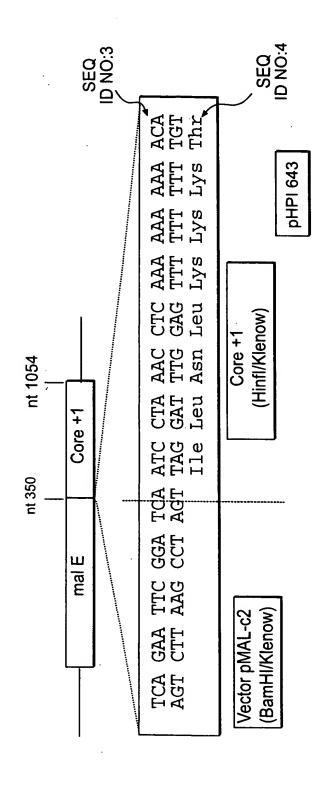
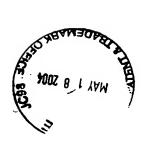
# MaIE-CORE+1 RECOMBINANT PROTEINS



F/G. 1A



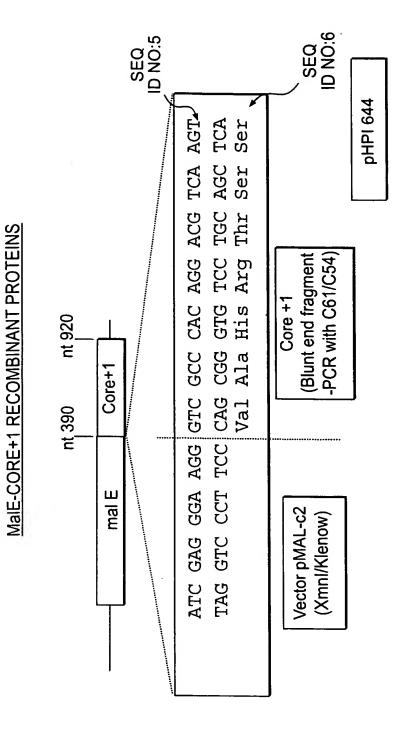


FIG. 1B

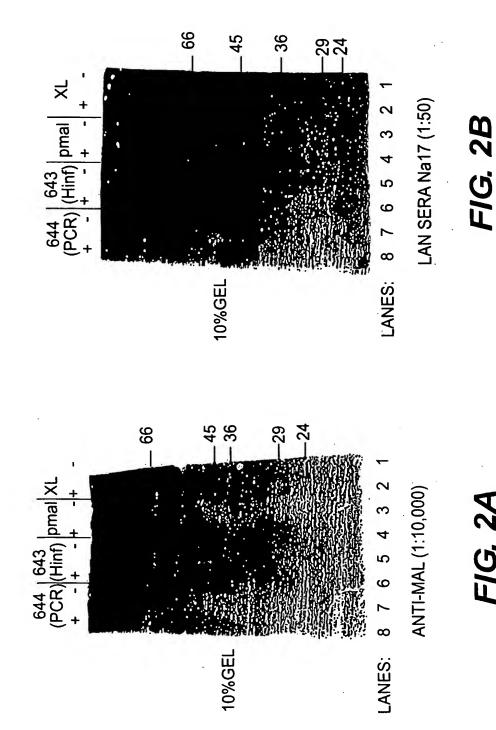


FIG. 2A

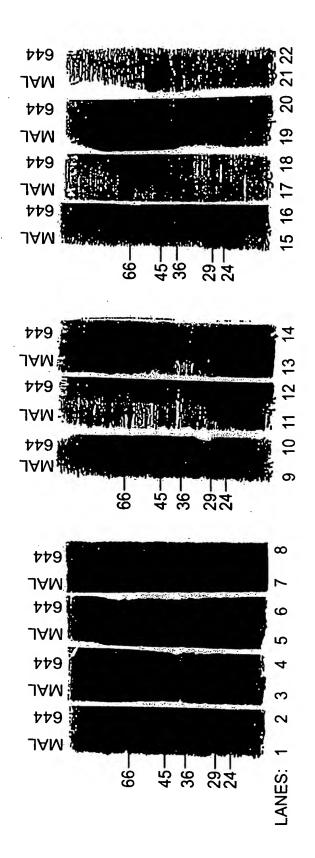


FIG. 3A

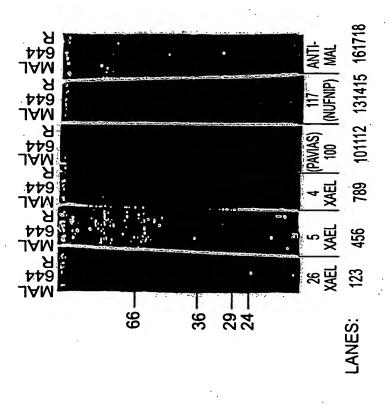


FIG. 3B

## GST-CORE+1 RECOMBINANT PROTEINS

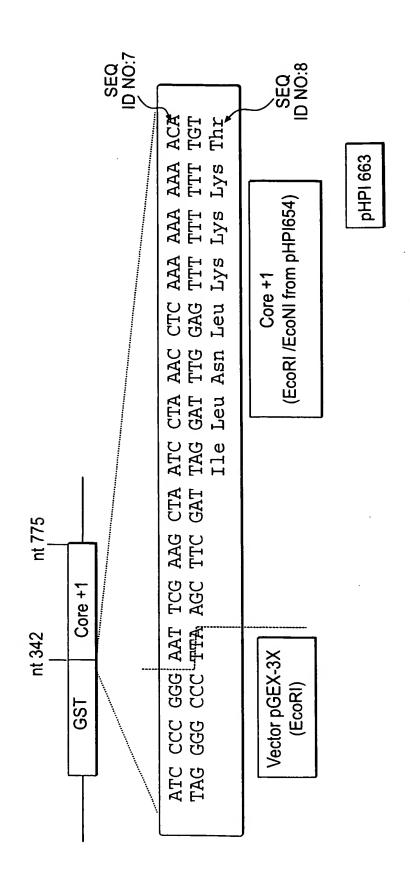
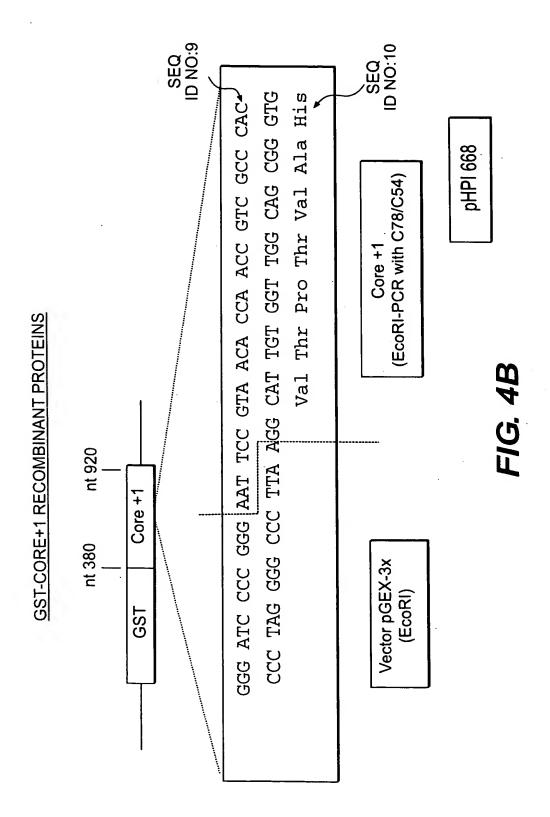


FIG. 4A



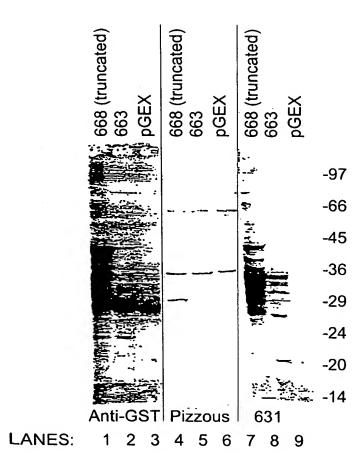
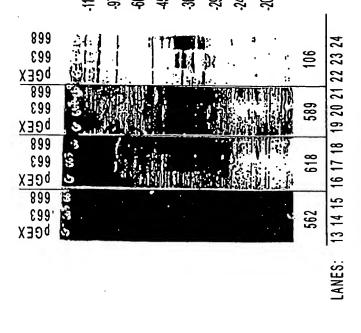


FIG. 5



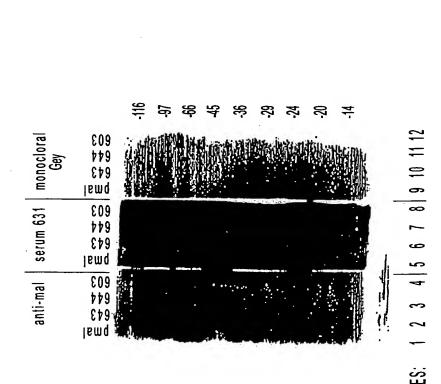
pGEX 663 668

FIG. 6

Pizzous Monoclonal 101 Gem

anti-GST

LANES:



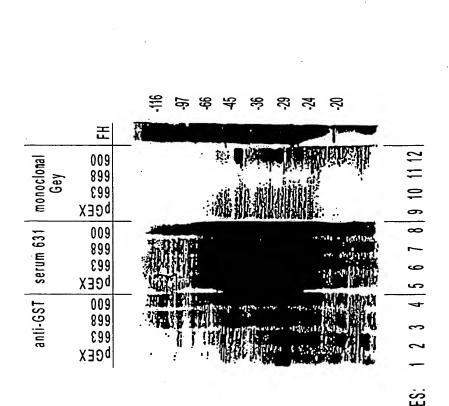
**ECL** detection

FIG. 7A

15 16

LANES:

C	C	1
r		
(		j
Ī	Ì	-



\$ \$ \$

00**9** 

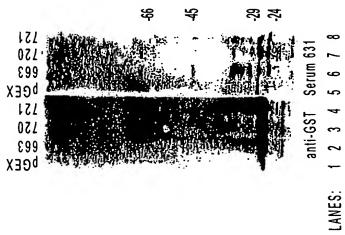
8**99** 899 F.

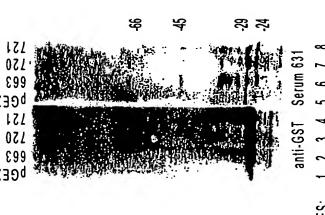
CEX

7

LANES:







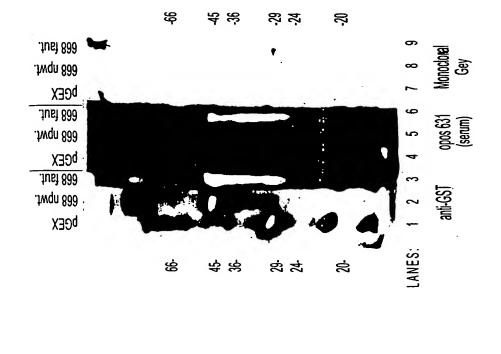
<del>천</del> 쓩

121 150

PGEX

\$ \$

LANES:



668 npwt. 668 faut.

bGEX faut.

Jwqn 899

668 npwt. 668 faut. pGEX

pGEX

8

<del>३</del> %

FIG. 9A

opos 631 1:100

Monoclogal Gey 1:200

LANES:

\$ \$

\$

#### Coomasie staining 24

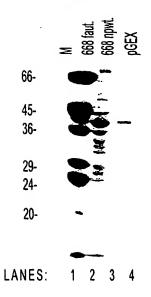
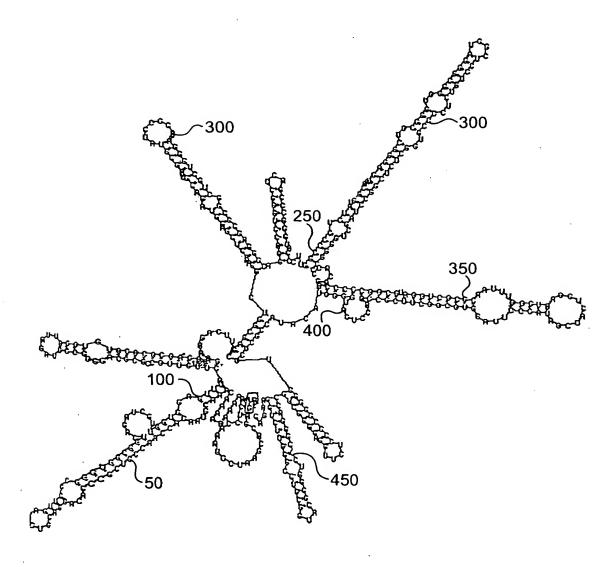


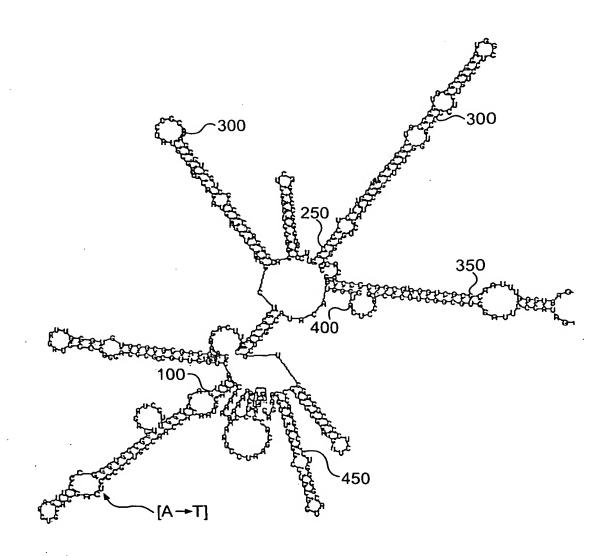
FIG. 9C

WILD TYPE pHPI 643 & pHPI 663



(SEQ ID NO: 11)

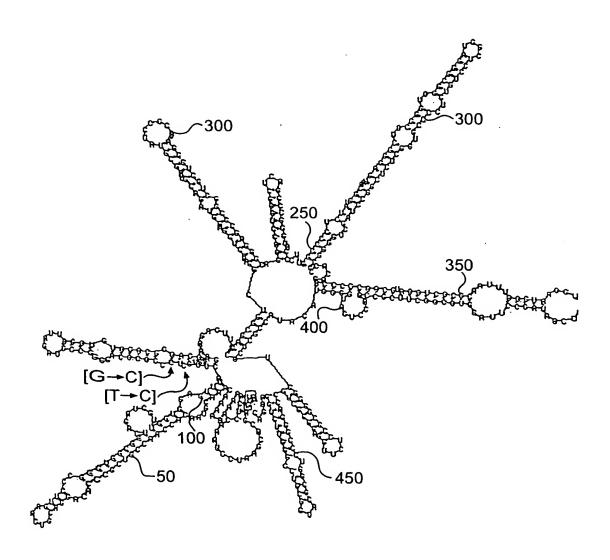
FIG. 10A



(SEQ ID NO: 12)

FIG. 10B

Cys → Ser pHPI 679



(SEQ ID NO: 13)

FIG. 10C

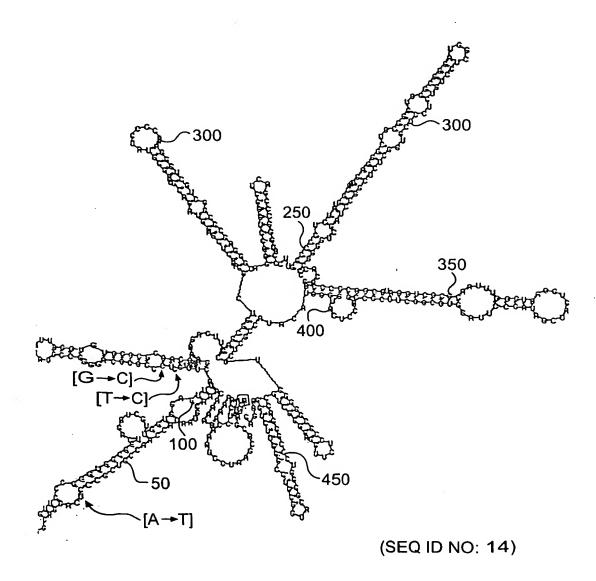
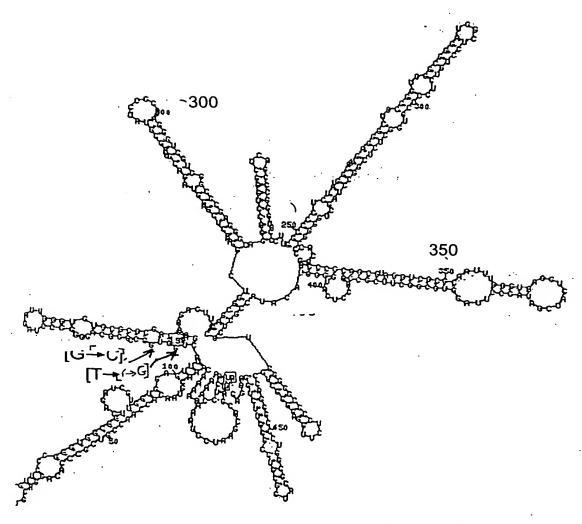


FIG. 10D

Cys-Cys → Gly- Gly pHPI 720



(SEQ ID NO: 15)

FIG. 10E

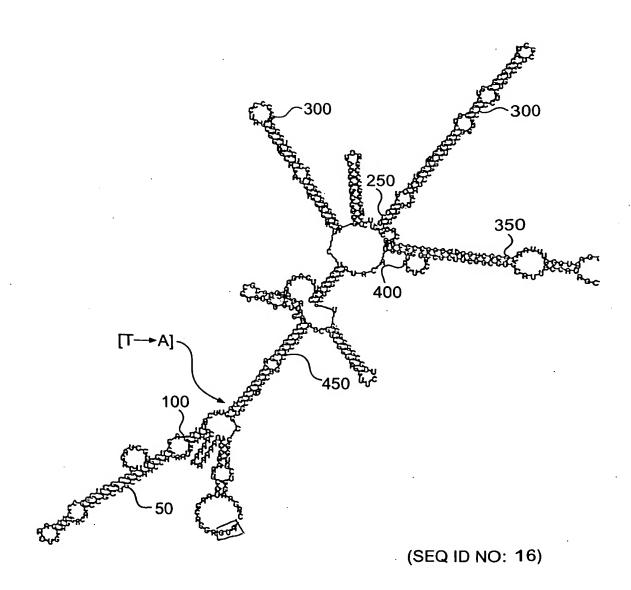
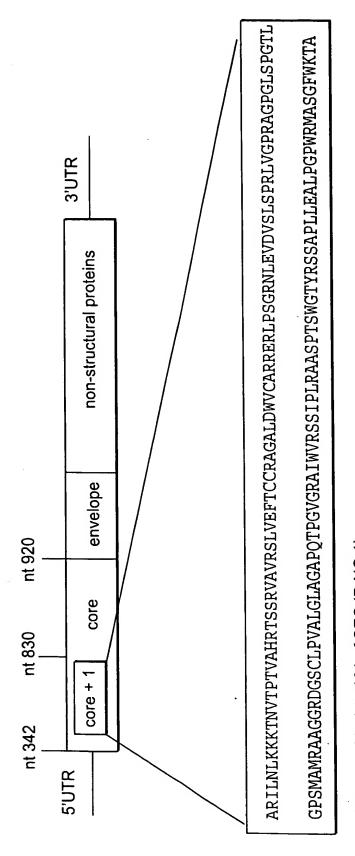


FIG. 10F



(amino acids 1 to 161 of SEQ ID NO:1)

FIG. 11

Substitute Figure

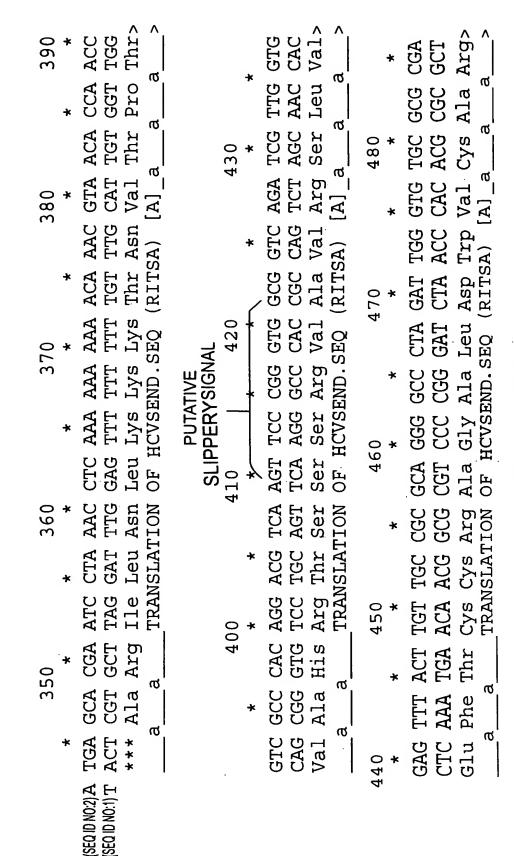
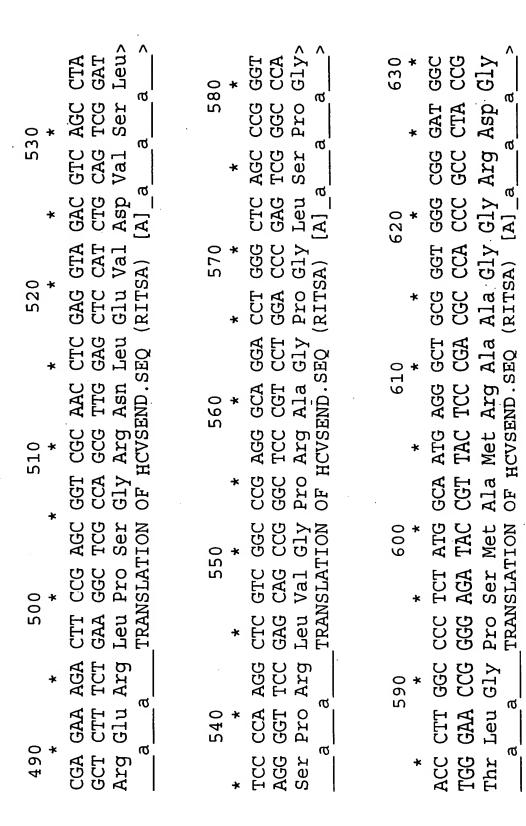
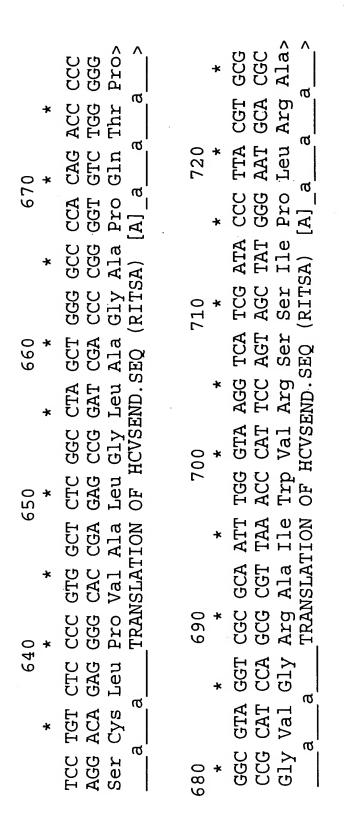


FIG. 12A



#### FIG. 12B



ACC TCA TGG (
TGG AGT ACC (
Thr Ser Trp G
TRANSLATION C GCT TCG CCG PCGA AGC GGC TAIA Ser Pro I

750

740

### FIG. 12C

```
TGG CGC ATG GCG TCC GGG TTC TGG AAG ACG
ACC GCG TAC CGC AGG CCC AAG ACC TTC TGC
Trp Arg Met Ala Ser Gly Phe Trp Lys Thr>
OF HCVSEND.SEQ (RITSA) [A]_a_a___
          820
          810
        800
780

CAG CTG CCA GGG CCC TGG
CTC CGC GAC GGT CCC GGG ACC
Glu Ala Leu Pro Gly Pro Tr
```

FIG. 12D

### SEQUEBCE RANGE: 1 TO 166

09 *	RLPSGRNLEV	120 * * TPGVGRAIWV	
0.0 *	ALDWVCARRE	110 * * VALGLAGAPQ	* A*TMQQ
* 40	LVEFTCCRAG	100 * * AGGRDGSCLP	160 * * WRMASGFWKT
% *	TSSSRVAVRS	90 * * TLGPSMAMRA	150 * * APLLEALPGP
*	*ARILNLKKK TNVTPTVAHR TSSSRVAVRS LVEFTCCRAG ALDWVCARRE RLPSGRNLEV	70 80 90 100 120 * * * * * * * * * * * * * * * * * * *	130 140 150 160 * * * * * * * * * * * * * * * * * * *
* T	*ARILNLKKK	70 * * \$\text{N.18908.1870}	130 * * * RSSIPLRAAS

(SEQ ID NO:1)

#### FIG. 13